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IN - AIHARA S; MORII N; TSUKUDA K; YAMADA H

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M3 - [01] C017 C100 C720 C800 C801 C803 C804 C805 C806 C807 K0 L7 L722 M210
M211 M220 M224 M231 M273 M283 M320 M411 M510 M520 M530 M540 M620 M640
M782 M904 M905 Q261 Q273 Q616 R022 R023 R024; R04975-K R04975-M

- [02] G010 G100 H1 H181 H401 H402 H481 H482 H713 H716 H721 H722 K0 L640
L699 L7 L722 M210 M211 M212 M213 M214 M215 M216 M220 M221 M222 M223
M224 M225 M226 M231 M232 M233 M273 M281 M282 M283 M311 M312 M313 M314
M315 M316 M321 M322 M323 M331 M332 M333 M340 M342 M373 M383 M391 M392
M414 M510 M520 M531 M540 M782 M904 M905 Q261 Q273 Q616 R022 R023 R024;
0063-51401-K 0063-51401-M

- [03] G010 G011 G012 G013 G100 H1 H181 H401 H402 H403 H481 H482 H483
H581 H582 H714 H715 H721 H722 J011 J271 J371 K0 L610 L640 L660 L699 L7
L722 M210 M211 M212 M213 M214 M215 M216 M220 M221 M222 M223 M224 M225
M226 M231 M232 M233 M240 M262 M272 M273 M281 M282 M283 M311 M312 M313
M314 M315 M316 M321 M322 M323 M331 M332 M333 M334 M340 M342 M343 M349
M373 M381 M383 M391 M392 M393 M414 M510 M520 M531 M532 M540 M782 M904
M905 Q261 Q273 Q616 R022 R023 R024; 0063-51402-K 0063-51402-M

- [04] F011 F431 H713 H716 H721 K0 L7 L721 M210 M211 M212 M213 M214 M215
M216 M220 M221 M222 M223 M224 M225 M226 M231 M232 M233 M273 M281 M320
M413 M510 M521 M530 M540 M782 M904 M905 Q261 Q273 Q616 R022 R023 R024;
0063-51403-K 0063-51403-M

- [05] H1 H181 H401 H402 H403 H481 H482 H483 K0 L640 L699 L7 L722 M210
M211 M212 M213 M214 M215 M216 M220 M221 M222 M223 M224 M225 M226 M231
M232 M233 M273 M281 M282 M283 M311 M312 M313 M314 M315 M320 M321 M322
M323 M331 M332 M333 M340 M342 M383 M391 M392 M393 M416 M620 M782 M904
M905 Q261 Q273 Q616 R022 R023 R024; 0063-51404-K 0063-51404-M

PA - (KAOS) KAO CORP

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XA - C2002-123419

XIC - C11D-001/62 ; C11D-003/37 ; C11D-003/48

AB - WO200216536 NOVELTY - A bactericidal antifouling detergent for hard
surfaces comprises:

- (a) a polymer having a weight-average molecular weight of
1,000-6,000,000;
- (b) a bactericidal compound having a molecular weight of lower than
1,000; and
- (c) a surfactant.

1,000-6,000,000, and containing 10-100 mol% (based on the total monomer units) of monomer units having at least one group selected from quaternary ammonium groups and tertiary amino groups;

- (b) a bactericidal compound having a molecular weight of lower than 1,000 and having quaternary ammonium groups; and
- (c) a surfactant.
- When the surfactant comprises an anionic surfactant (cA), the wt ratio of (cA)/(b) is less than 1.0.
- USE - The detergent is for use for cleaning walls and floors of kitchens, bathrooms, toilets, washstands, etc.
- ADVANTAGE - The bactericidal antifouling detergent sterilizes hard surfaces, prevents fouling substances from adhering to them and enables fouling substances adhered to them to be easily removed.
- (Dwg.0/0)

CN - R04975-K R04975-M 0063-51401-K 0063-51401-M 0063-51402-K 0063-51402-M
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DN - CN US

IW - BACTERIA ANTIFOULING DETERGENT HARD SURFACE FLOOR WALL COMPRISE
POLYMER WEIGHT AVERAGE MOLECULAR WEIGHT BACTERIA COMPOUND SURFACTANT

IKW - BACTERIA ANTIFOULING DETERGENT HARD SURFACE FLOOR WALL COMPRISE
POLYMER WEIGHT AVERAGE MOLECULAR WEIGHT BACTERIA COMPOUND SURFACTANT

INW - AIHARA S; MORII N; TSUKUDA K; YAMADA H

NC - 022

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PAW - (KAOS) KAO CORP

TI - Bactericidal antifouling detergent for hard surfaces such as floors or walls, comprises a polymer having a weight-average molecular weight of 1,000-6,000,000, a bactericidal compound, and a surfactant

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F08 F07 F16 F89 F41 F93 F70 F27 F26 F28 D19 D18 D31 D76 F29 D86 D87

D88 D89 D90 D91 D92 D93 D94 D95 D60 F60 ; H0000 ; H0011-R

- [002] 018 ; R08306 G0817 D01 D11 D10 D12 D27 D51 D54 D57 D58 D61 D88
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- 2 文字コード及び他の略語については、定期発行される各 PCT ガゼットの巻頭に掲載されている「コードと略語のガイダンスノート」を参照。

(54) Title: BACTERICIDAL ANTIFOULING DETERGENT FOR HARD SURFACE

(54) 発明の名称: 硬質表面用殺菌防汚洗浄剤

(57) Abstract: A bactericidal antifouling detergent for hard surfaces which comprises (a) a polymer which has a weight-average molecular weight of 1,000 to 6,000,000 and in which monomer units having at least one group selected among quaternary ammonium groups and tertiary amino groups account for 10 to 100 mol% of all the monomer units, (b) a bactericidal compound having a molecular weight lower than 1,000 and having a quaternary ammonium group, and (c) a surfactant, and in which when the surfactant comprises an anionic surfactant (cA), the proportion of (cA) to (b) by weight does not exceed 1.0. The bactericidal antifouling detergent sterilizes hard surfaces and shows antifouling properties, i.e., prevents fouling substances from adhering thereto and enables fouling substances adherent thereto to be easily removed. When used in a whole house, especially when applied to the walls and floors of the kitchen, bathroom, toilet, washstand, etc. and to instruments and apparatuses placed therein, the detergent enables sterilization, prevention of fouling substance adhesion, and easy cleaning.

(57) 要約:

(a) 重量平均分子量が 1,000~6,000,000 であって、4 級アンモニウム基及び 3 級アミノ基より選ばれた少なくとも 1 ケの基を有するモノマー単位をその比率が全モノマー単位に対して 10~100 モル%含む重合体、(b) 分子量が 1,000 未満であって、4 級アンモニウム基を有する殺菌性化合物、及び (c) 界面活性剤を含有し、界面活性剤として (cA) 陰イオン界面活性剤を含有する場合、(cA)/(b) が重量比率で、1.0 を越えない硬質表面用殺菌防汚洗浄剤であって、硬質表面の殺菌、及び防汚性、すなわち汚れの付着の防止、及び付着した汚れを容易に除去することを可能にする硬質表面用の洗浄剤である。住居内全般、特に台所や浴室、トイレ、洗面台などの、壁や床、器具、機器などに使用した際に、殺菌並びに汚れの付着防止及び易洗浄を可能にする。

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